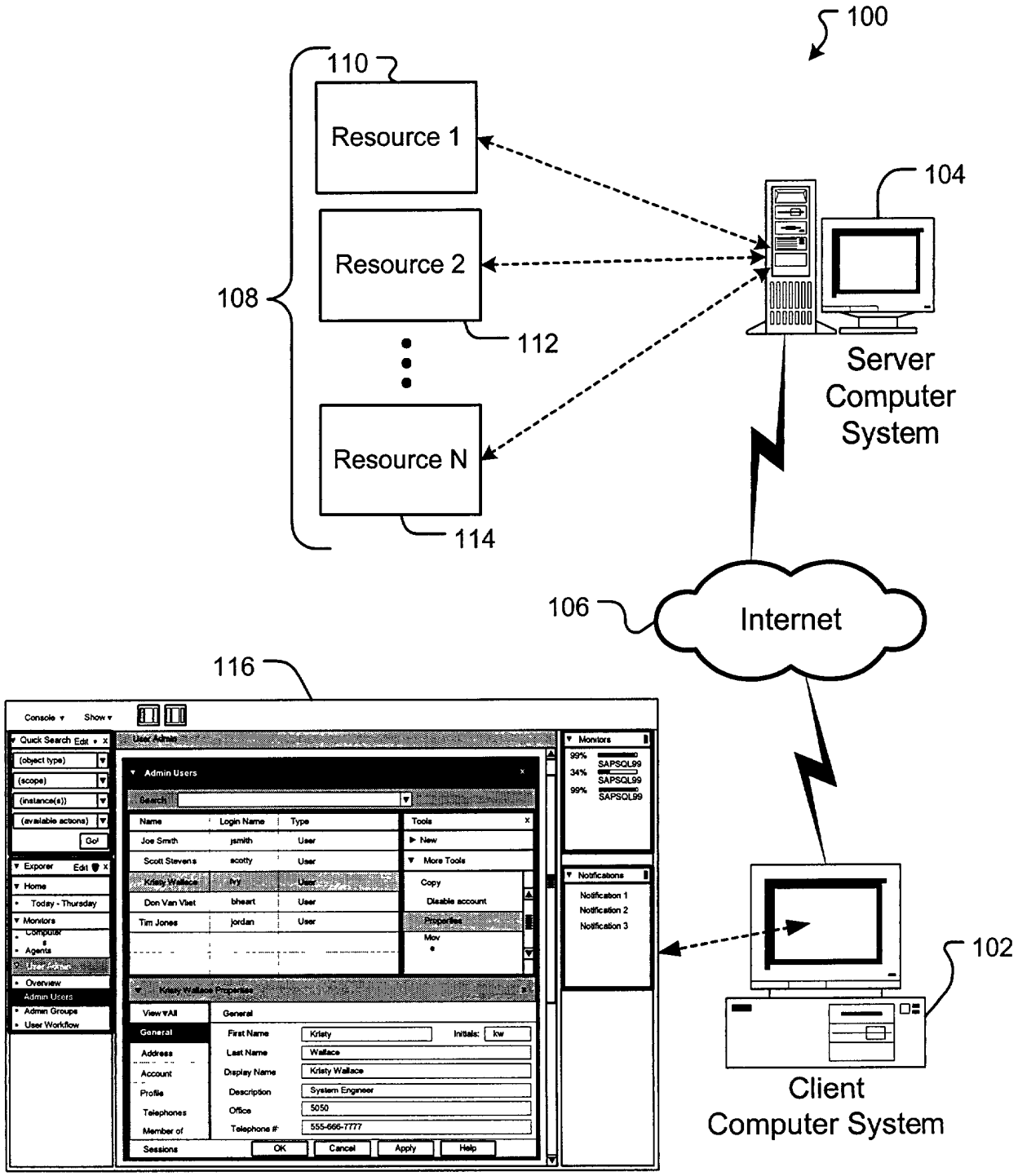
100
110
Resource 1
Resource 2
Resource N
108
112
114
104
Server Computer System
106
Internet
116
102
Client Computer System

Fig. 1

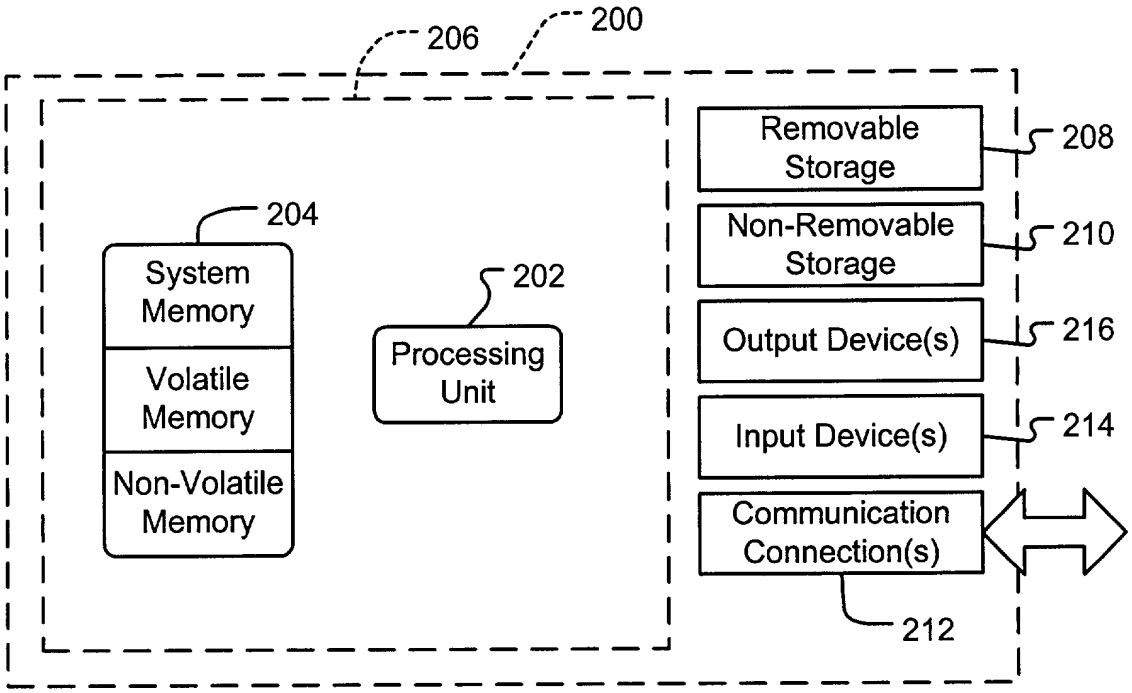
206
200
204
System Memory
Volatile Memory
Non-Volatile Memory
202
Processing Unit
Removable Storage
208
Non-Removable Storage
210
Output Device(s)
216
Input Device(s)
214
Communication Connection(s)
212

Fig. 2

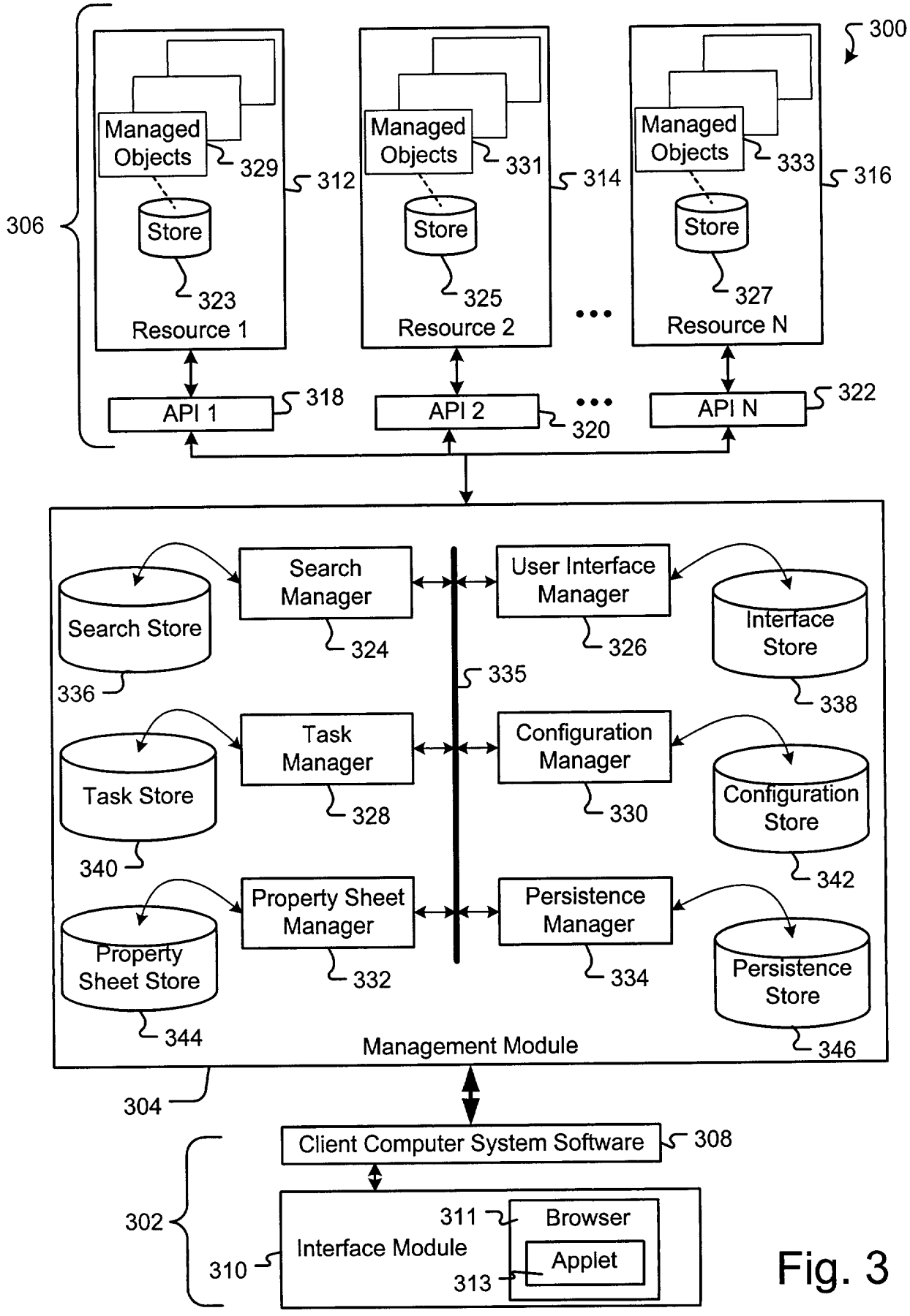
300
306
Managed Objects
329
312
Store
323
Resource 1
Managed Objects
331
314
Store
325
Resource 2
Managed Objects
333
316
Store
327
Resource N
API 1
318
API 2
320
API N
322
Search Manager
324
Search Store
336
User Interface Manager
326
Interface Store
338
335
Task Manager
328
Task Store
340
Configuration Manager
330
Configuration Store
342
Property Sheet Manager
332
Property Sheet Store
344
Persistence Manager
334
Persistence Store
346
Management Module
304
Client Computer System Software
308
302
311
Browser
Interface Module
Applet
310
313

Fig. 3

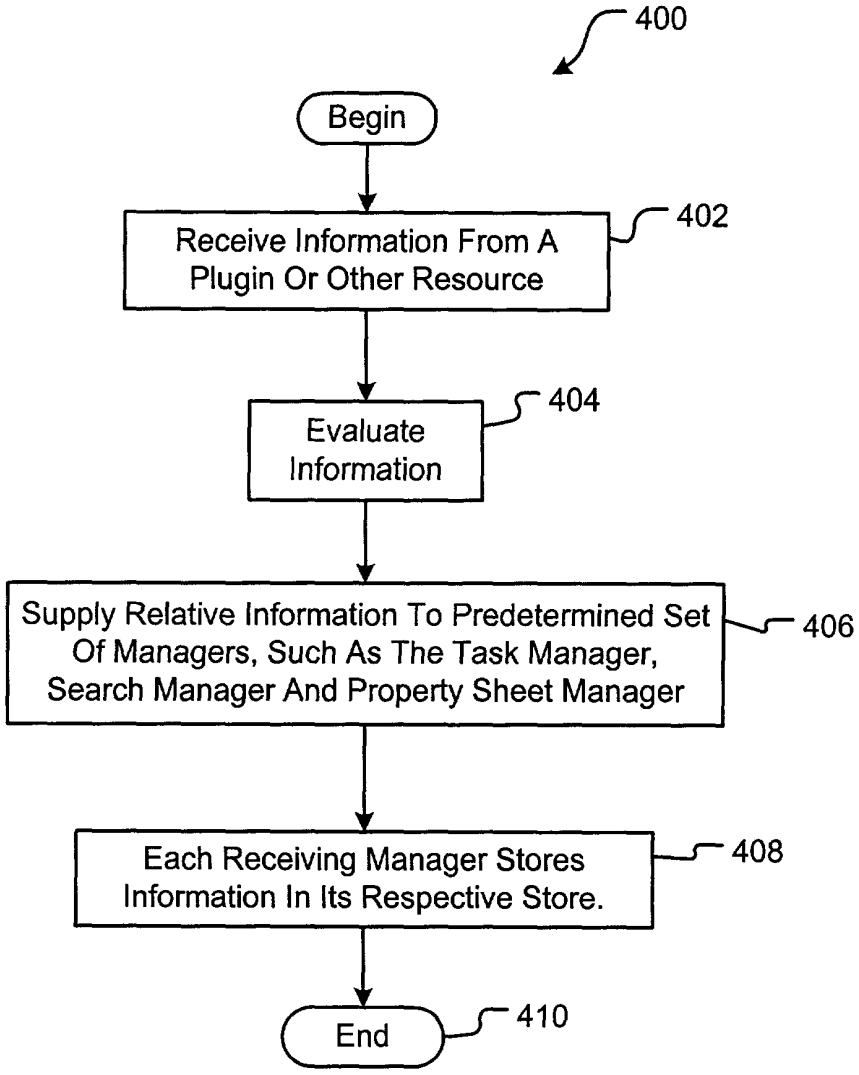
400
Begin
Receive Information From A Plugin Or Other Resource
402
Evaluate Information
404
Supply Relative Information To Predetermined Set Of Managers, Such As The Task Manager, Search Manager And Property Sheet Manager
406
Each Receiving Manager Stores Information In Its Respective Store.
408
End
410

Fig. 4

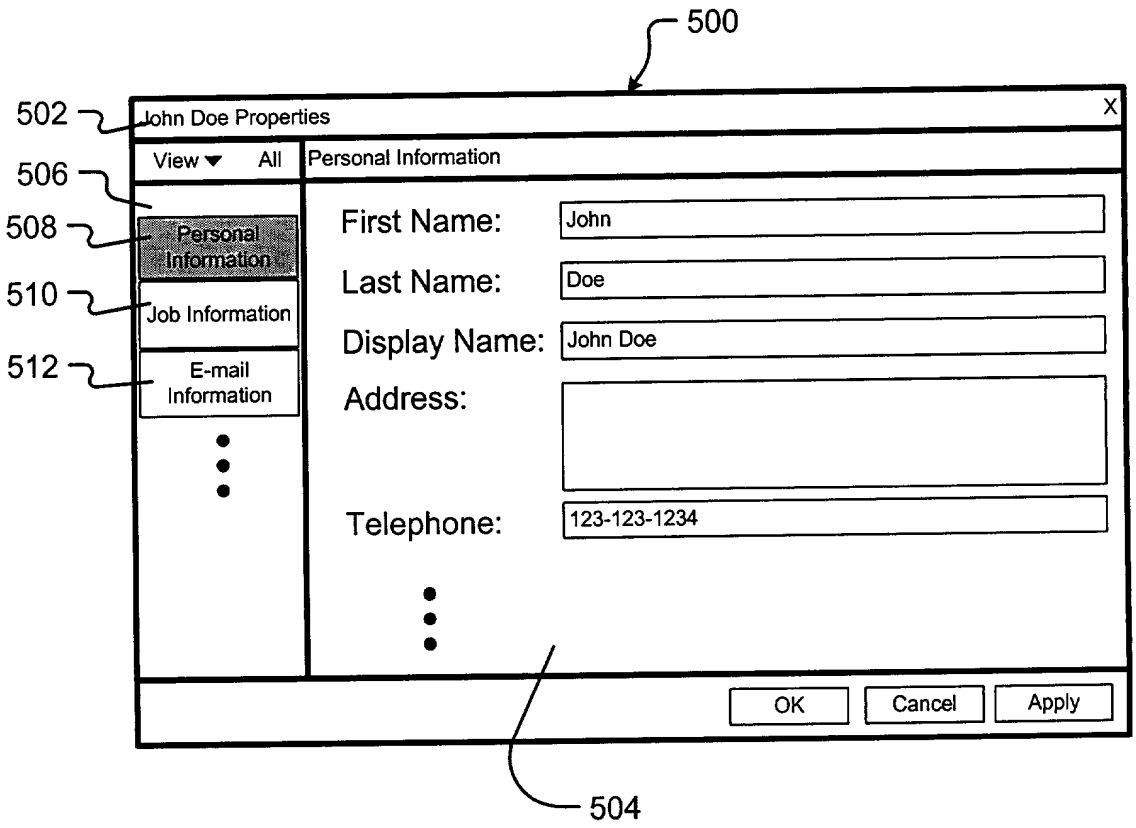
500
502
John Doe Properties
X
View
All
Personal Information
506
508
Personal Information
510
Job Information
512
E-mail Information
First Name:
John
Last Name:
Doe
Display Name:
John Doe
Address:
Telephone:
123-123-1234
OK
Cancel
Apply
504

Fig. 5

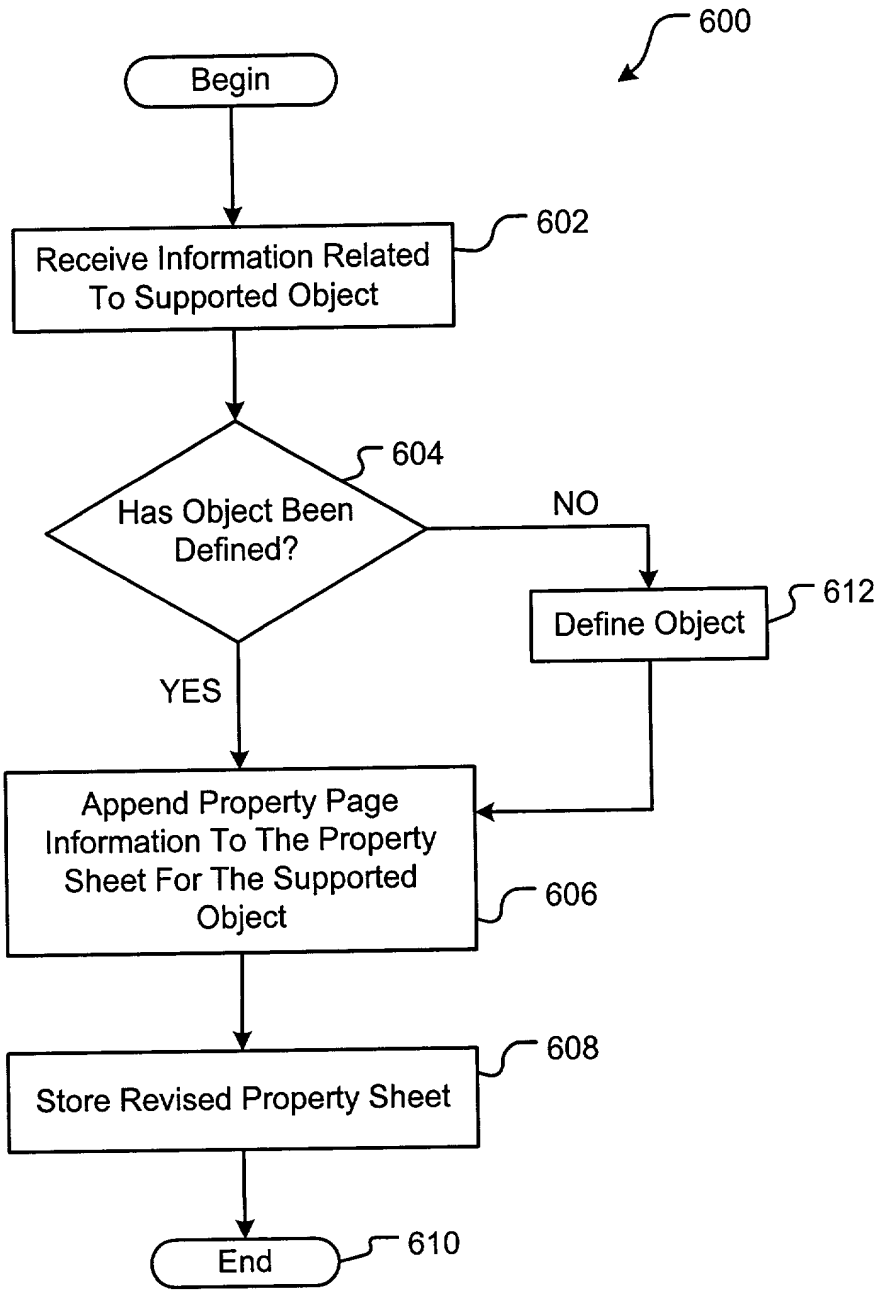
600
Begin
Receive Information Related To Supported Object
602
Has Object Been Defined?
604
NO
Define Object
612
YES
Append Property Page Information To The Property Sheet For The Supported Object
606
Store Revised Property Sheet
608
End
610

Fig. 6

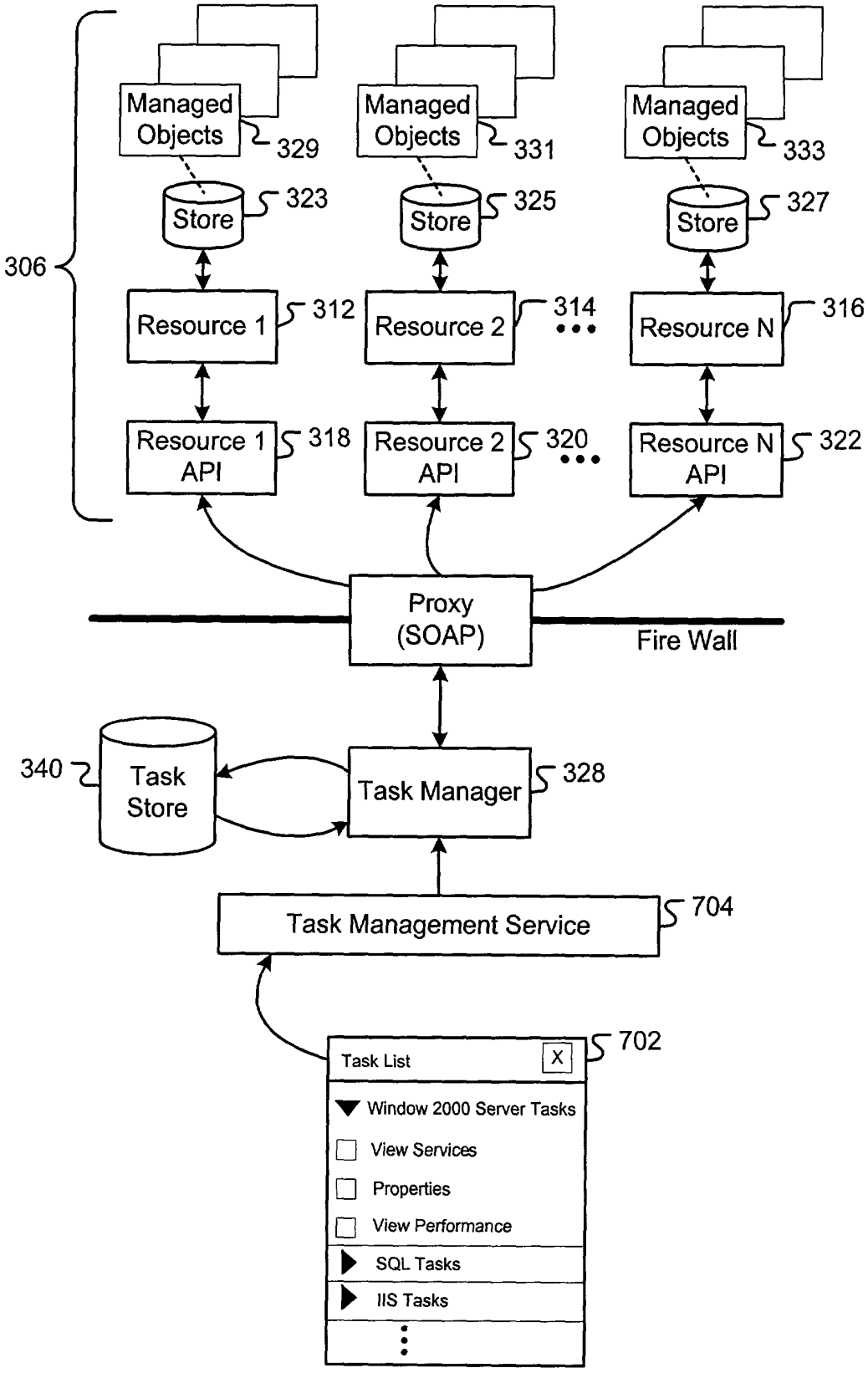
Managed Objects
329
Managed Objects
331
Managed Objects
333
Store
323
Store
325
Store
327
306
Resource 1
312
Resource 2
314
Resource N
316
Resource 1 API
318
Resource 2 API
320
Resource N API
322
Proxy (SOAP)
Fire Wall
340
Task Store
Task Manager
328
Task Management Service
704
Task List
X
702
Window 2000 Server Tasks
View Services
Properties
View Performance
SQL Tasks
IIS Tasks

Fig. 7

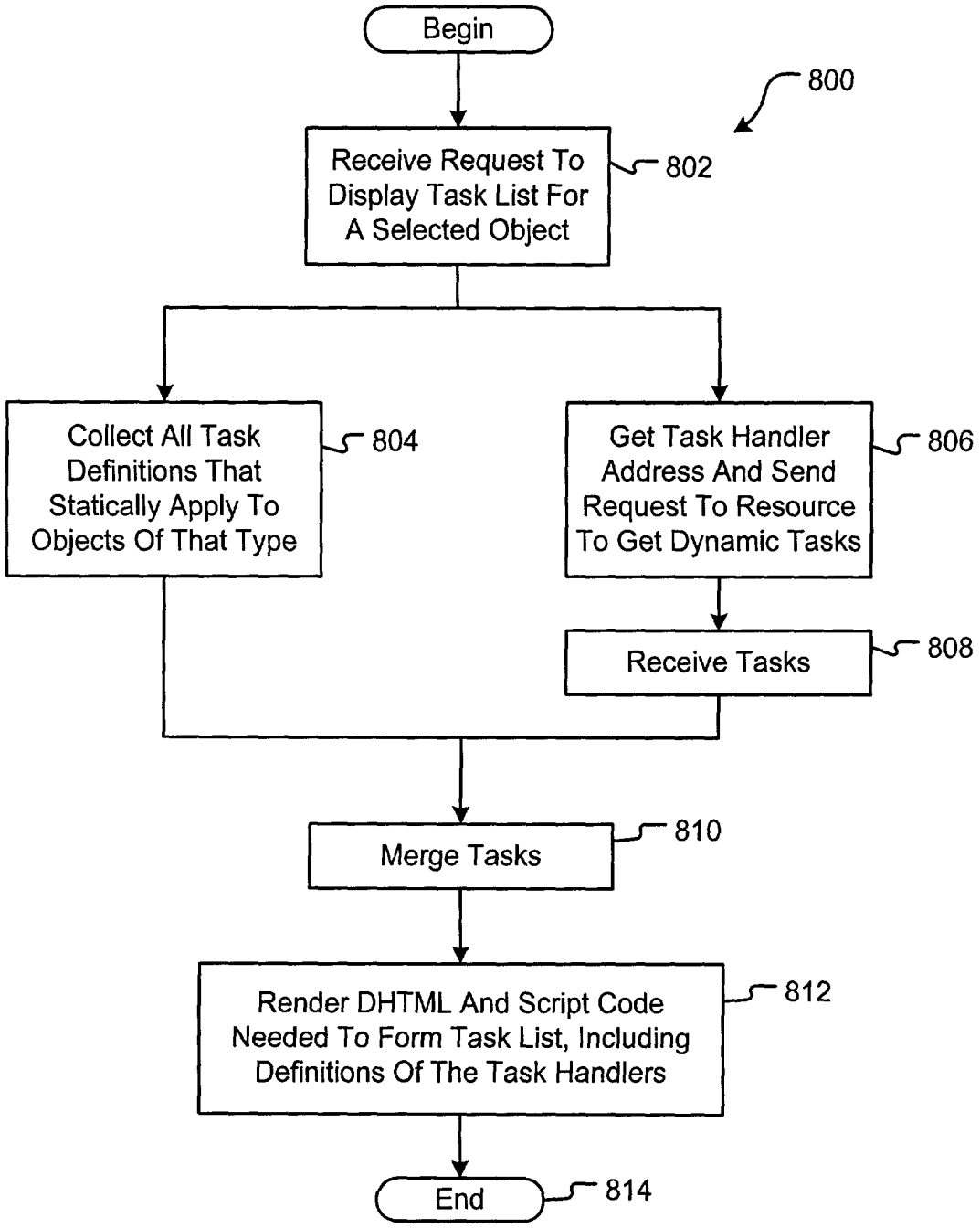
Begin
800
Receive Request To Display Task List For A Selected Object
802
Collect All Task Definitions That Statically Apply To Objects Of That Type
804
Get Task Handler Address And Send Request To Resource To Get Dynamic Tasks
806
Receive Tasks
808
Merge Tasks
810
Render DHTML And Script Code Needed To Form Task List, Including Definitions Of The Task Handlers
812
End
814

Fig. 8

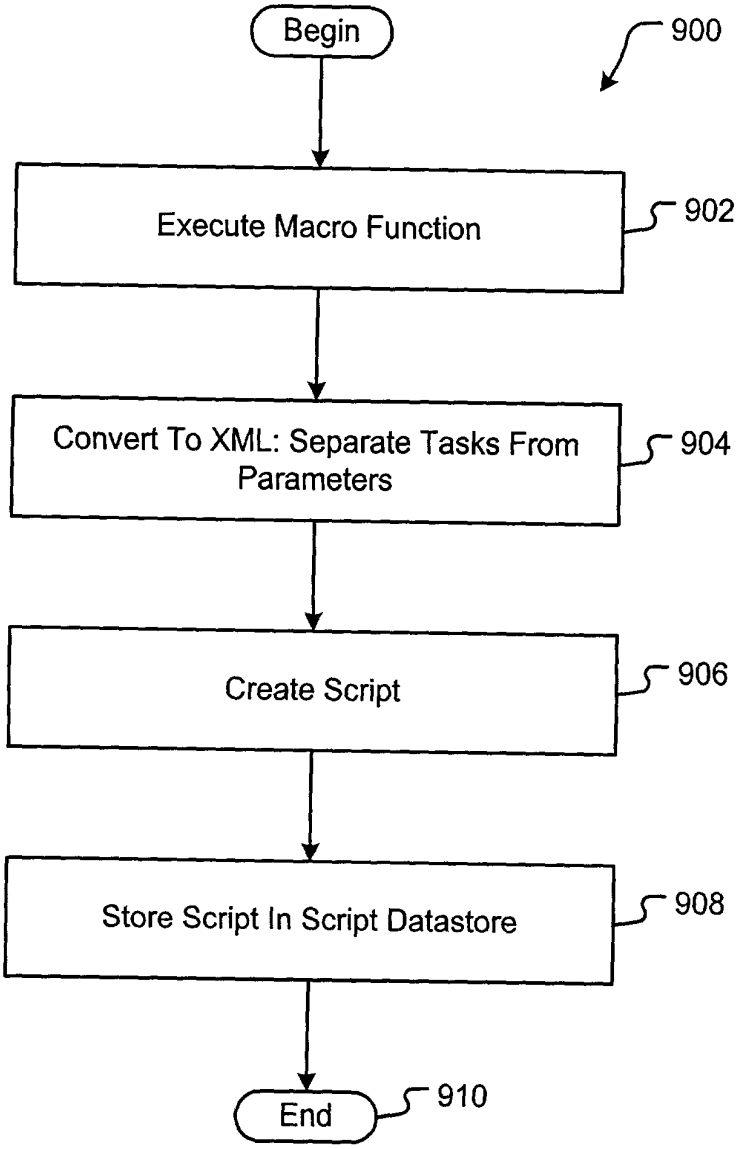
Begin
900
Execute Macro Function
902
Convert To XML: Separate Tasks From Parameters
904
Create Script
906
Store Script In Script Datastore
908
End
910

Fig. 9

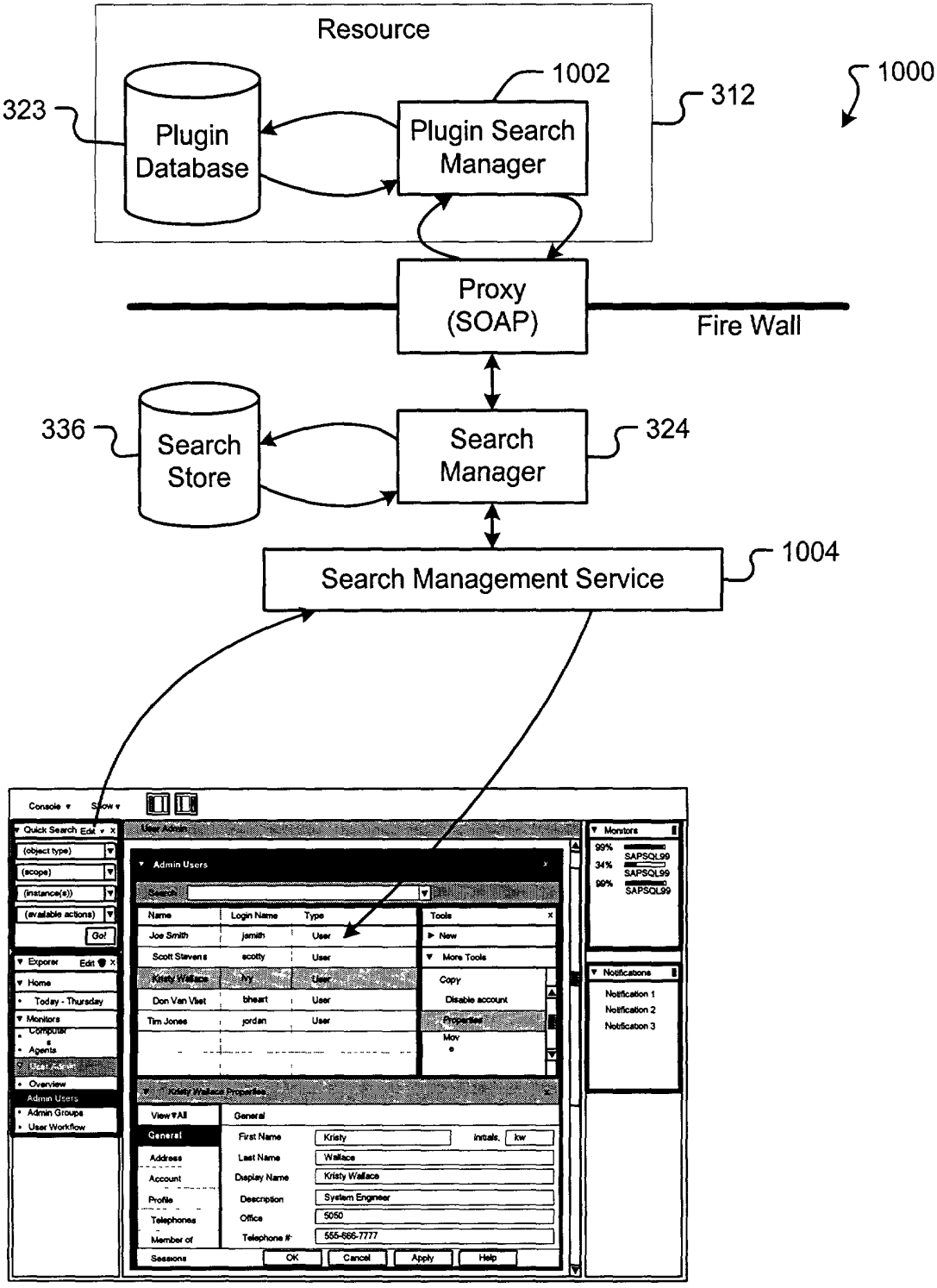
Resource
1000
1002
312
323
Plugin Database
Plugin Search Manager
Proxy (SOAP)
Fire Wall
336
Search Store
Search Manager
324
Search Management Service
1004

Fig. 10

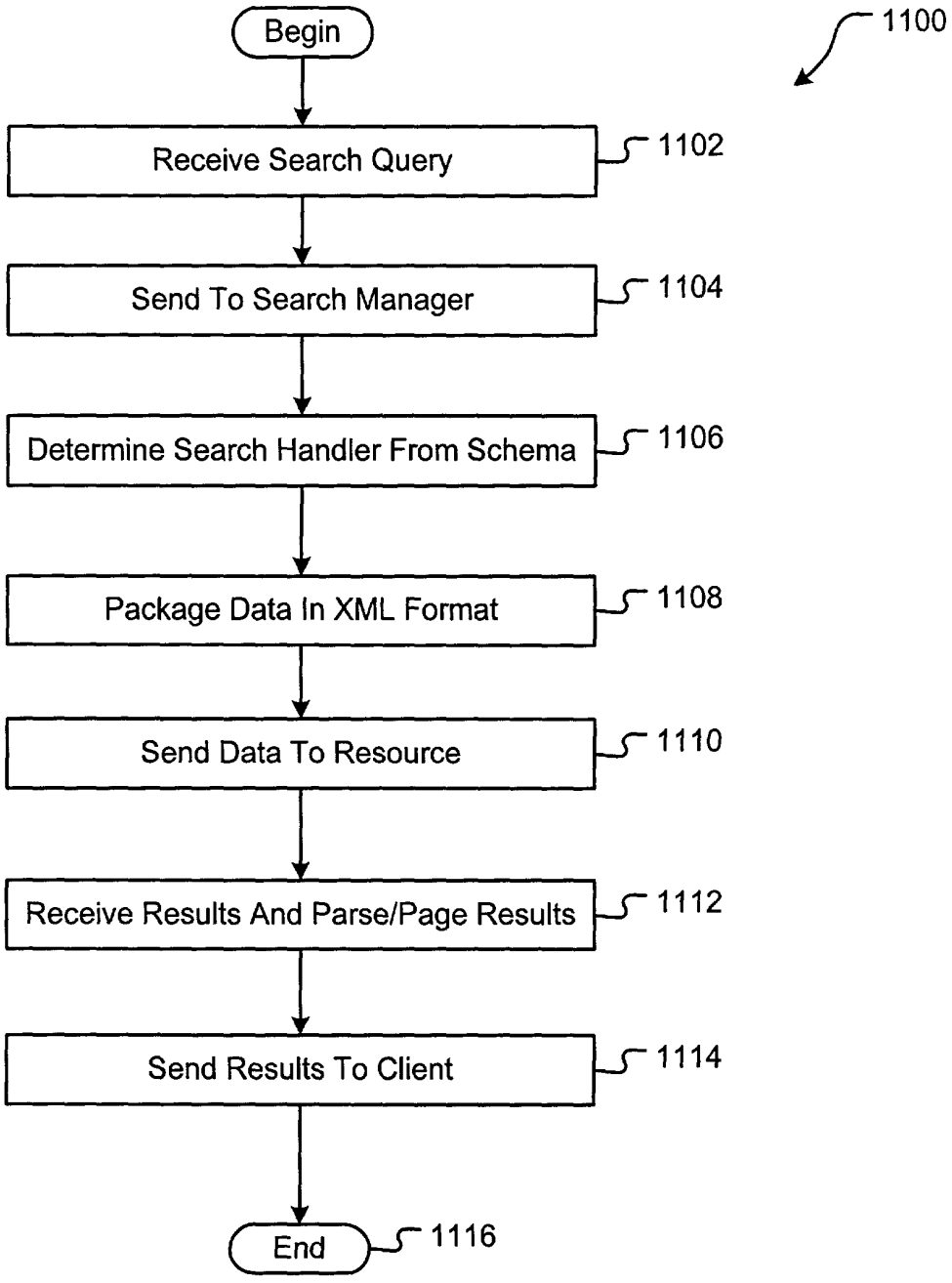
Begin
1100
Receive Search Query
1102
Send To Search Manager
1104
Determine Search Handler From Schema
1106
Package Data In XML Format
1108
Send Data To Resource
1110
Receive Results And Parse/Page Results
1112
Send Results To Client
1114
End
1116

Fig. 11

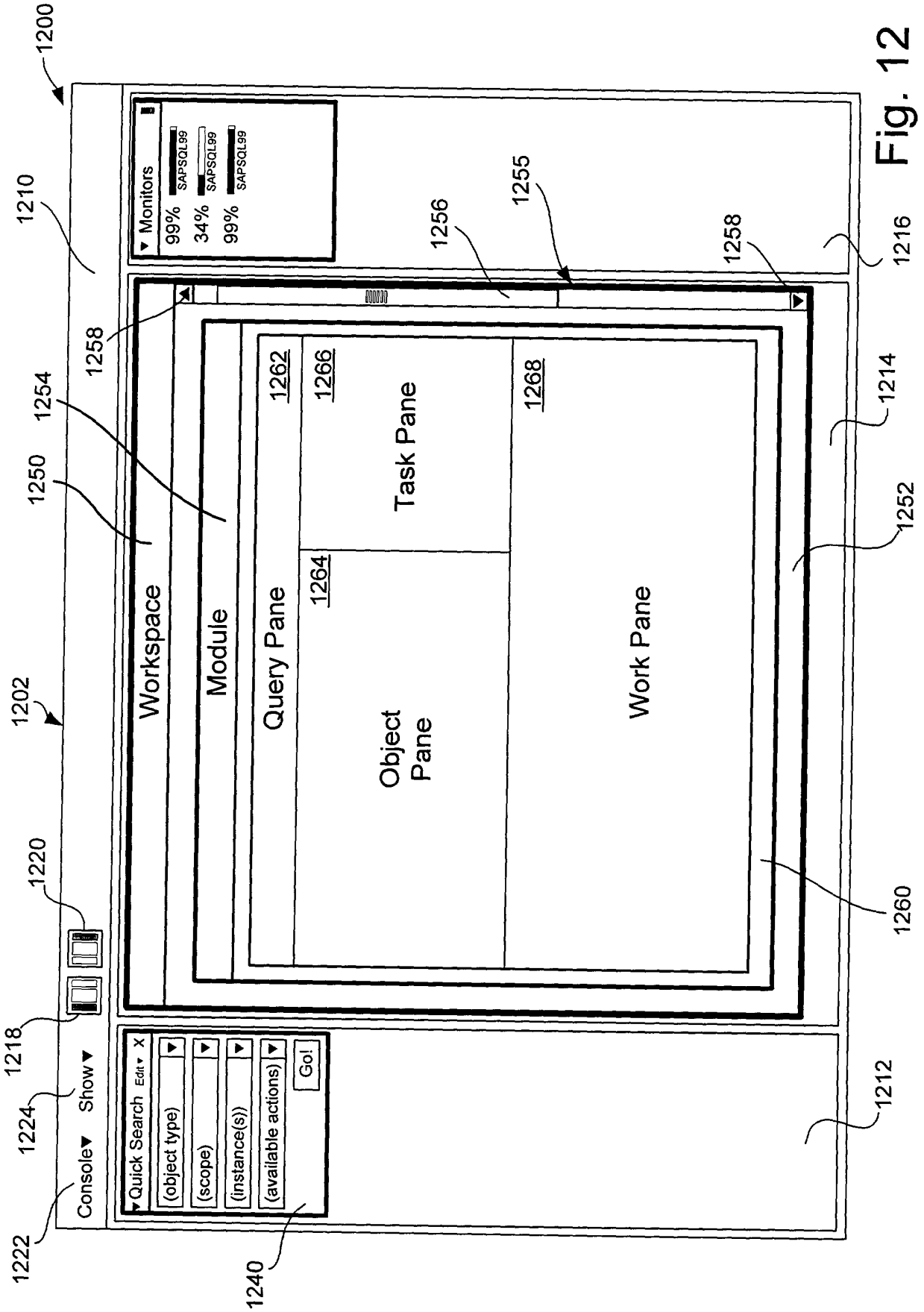
1200
1210
1202
1220
1218
1224
1222
1240
1212
1260
1252
1214
1216
1255
1256
1258
1254
1250
1262
1266
1268
1264
Monitors
99%
34%
99%
SAPSQL99
SAPSQL99
SAPSQL99
Workspace
Module
Query Pane
Task Pane
Object Pane
Work Pane
Quick Search
Edit
X
(object type)
(scope)
(instance(s))
(available actions)
Go!
Console
Show

Fig. 12

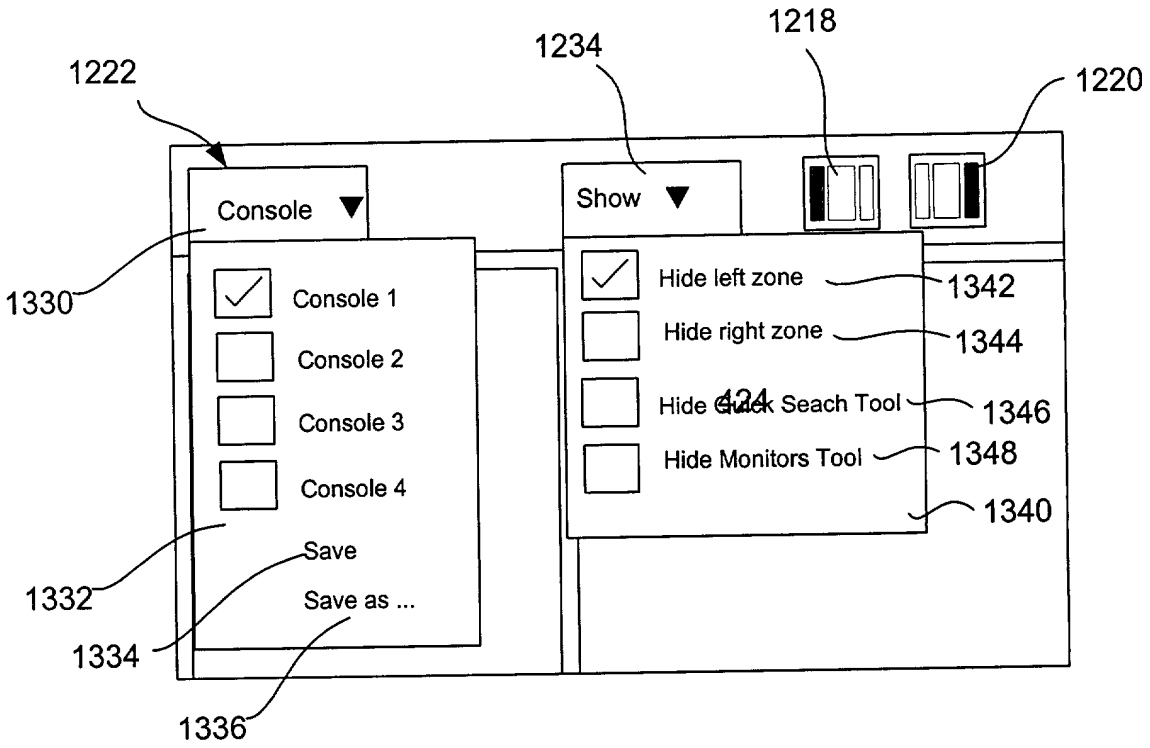
1222
1234
1218
1220
Console
Show
1330
Console 1
Console 2
Console 3
Console 4
Save
Save as ...
Hide left zone
Hide right zone
Hide Quick Seach Tool
Hide Monitors Tool
1342
1344
1346
1348
1340
424
1332
1334
1336

Fig. 13

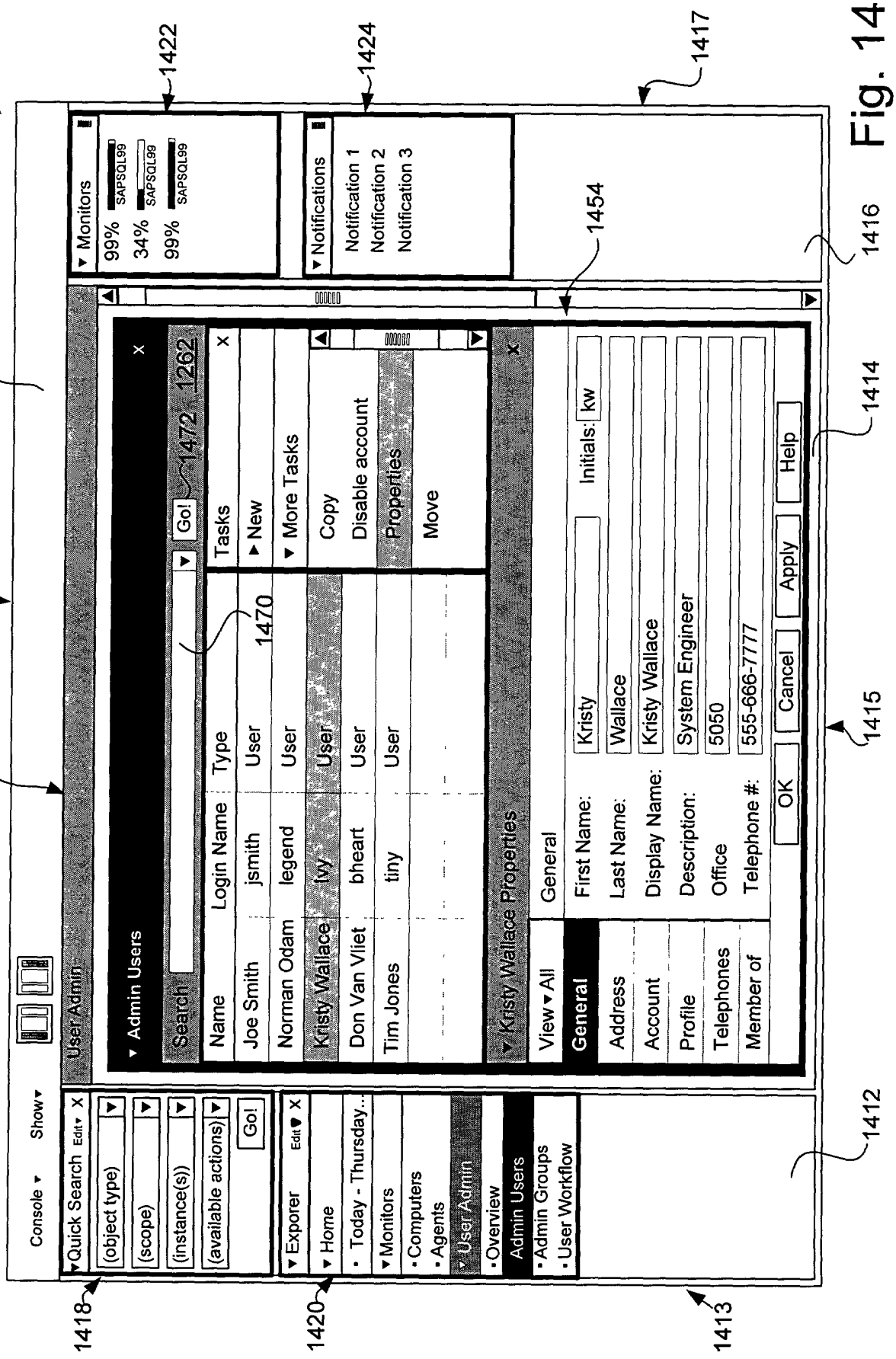
1400
1410
1411
1412
1413
1414
1415
1416
1417
1418
1420
1422
1424
1426
1454
1470
1472
1262
Console
Show
Quick Search
Edit
(object type)
(scope)
(instance(s))
(available actions)
Go!
Explorer
Home
Today - Thursday...
Monitors
Computers
Agents
User Admin
Overview
Admin Users
Admin Groups
User Workflow
User Admin
Admin Users
Search
Go!
Name
Login Name
Type
Joe Smith
jsmith
User
Norman Odam
legend
User
Kristy Wallace
Ivy
User
Don Van Vliet
bheart
User
Tim Jones
tiny
User
Tasks
New
More Tasks
Copy
Disable account
Properties
Move
Kristy Wallace Properties
View
All
General
Address
Account
Profile
Telephones
Member of
First Name:
Kristy
Initials:
kw
Last Name:
Wallace
Display Name:
Kristy Wallace
Description:
System Engineer
Office
5050
Telephone #:
555-666-7777
OK
Cancel
Apply
Help
Monitors
99%
SAPSQL99
34%
SAPSQL99
99%
SAPSQL99
Notifications
Notification 1
Notification 2
Notification 3

Fig. 14

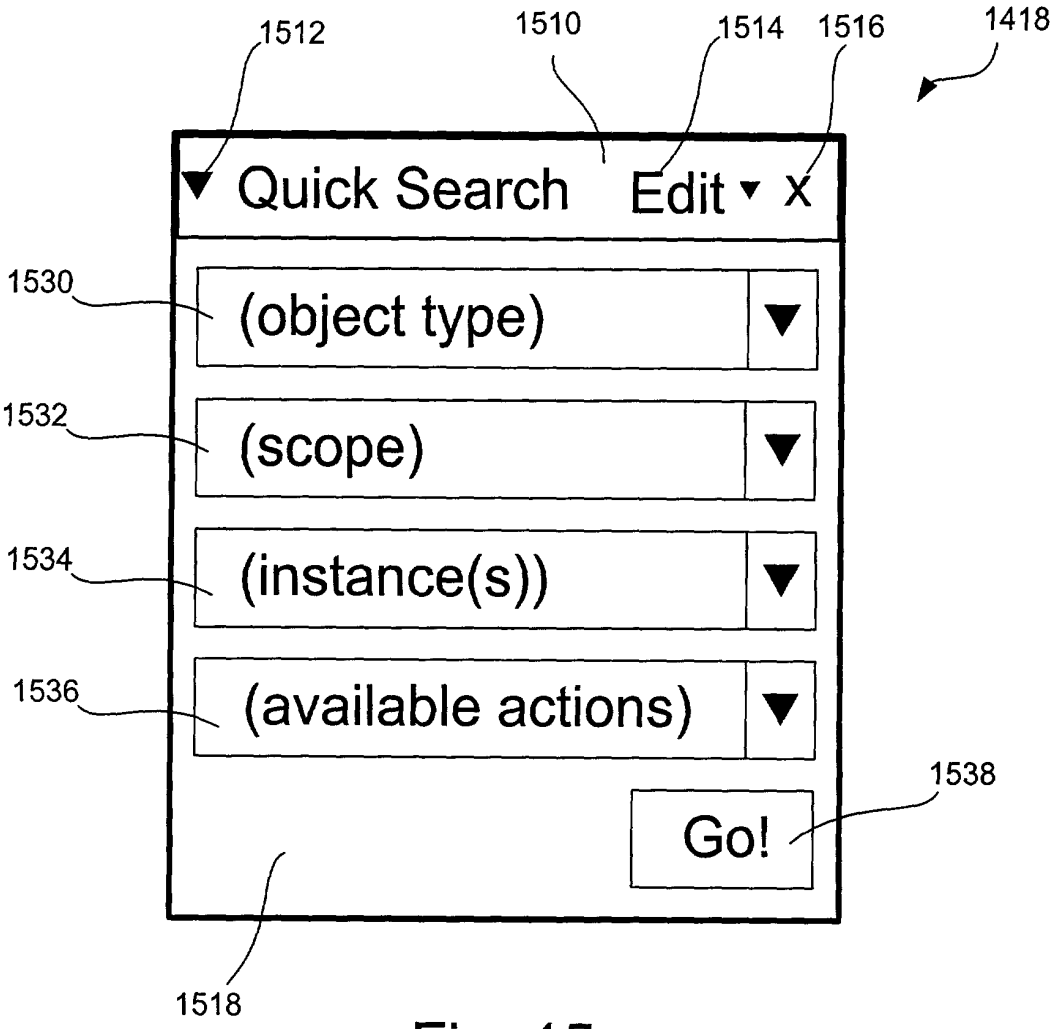
1512
1510
1514
1516
1418
Quick Search
Edit
X
1530
(object type)
1532
(scope)
1534
(instance(s))
1536
(available actions)
1538
Go!
1518

Fig. 15

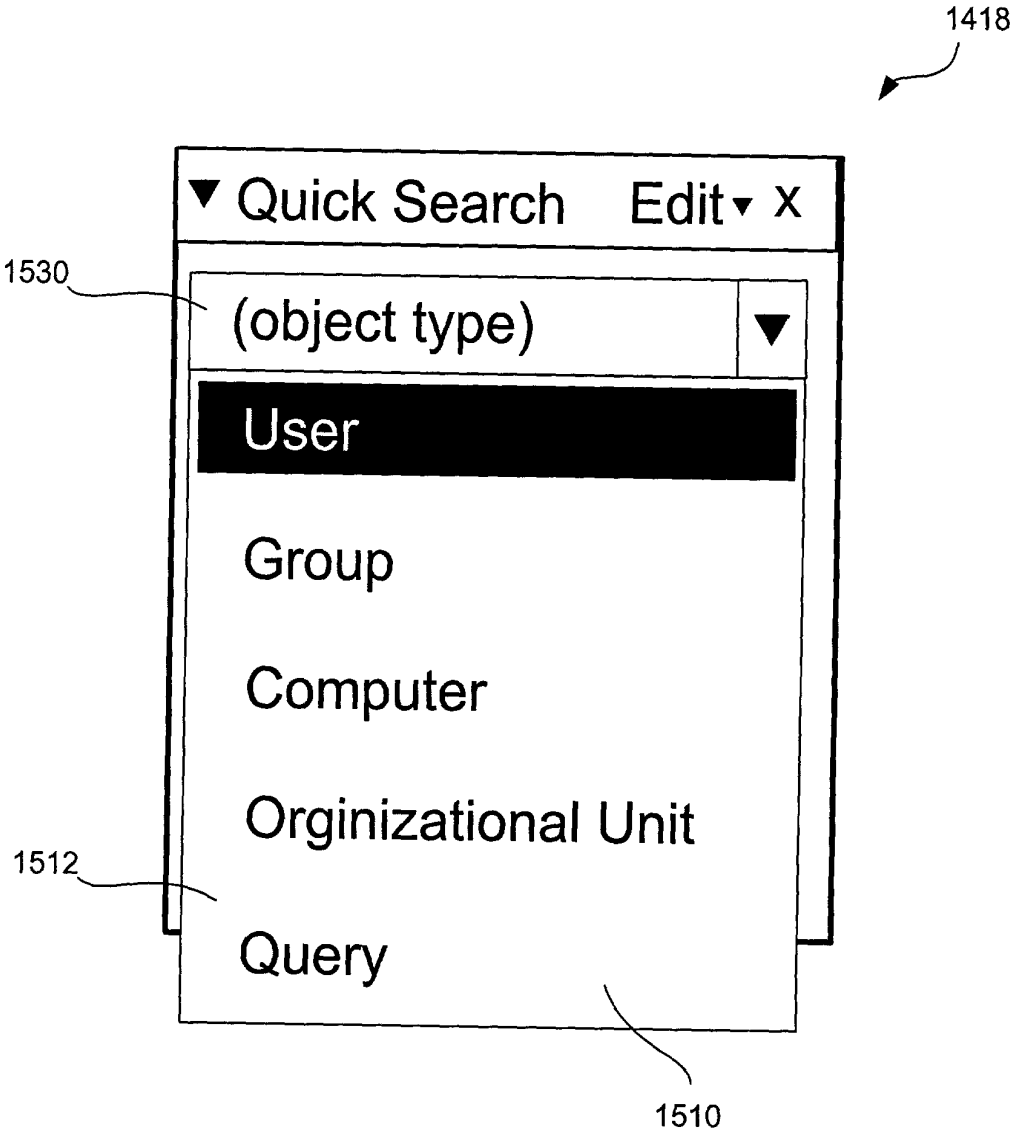
1418
Quick Search
Edit
X
1530
(object type)
User
Group
Computer
Orginizational Unit
1512
Query
1510

Fig. 16

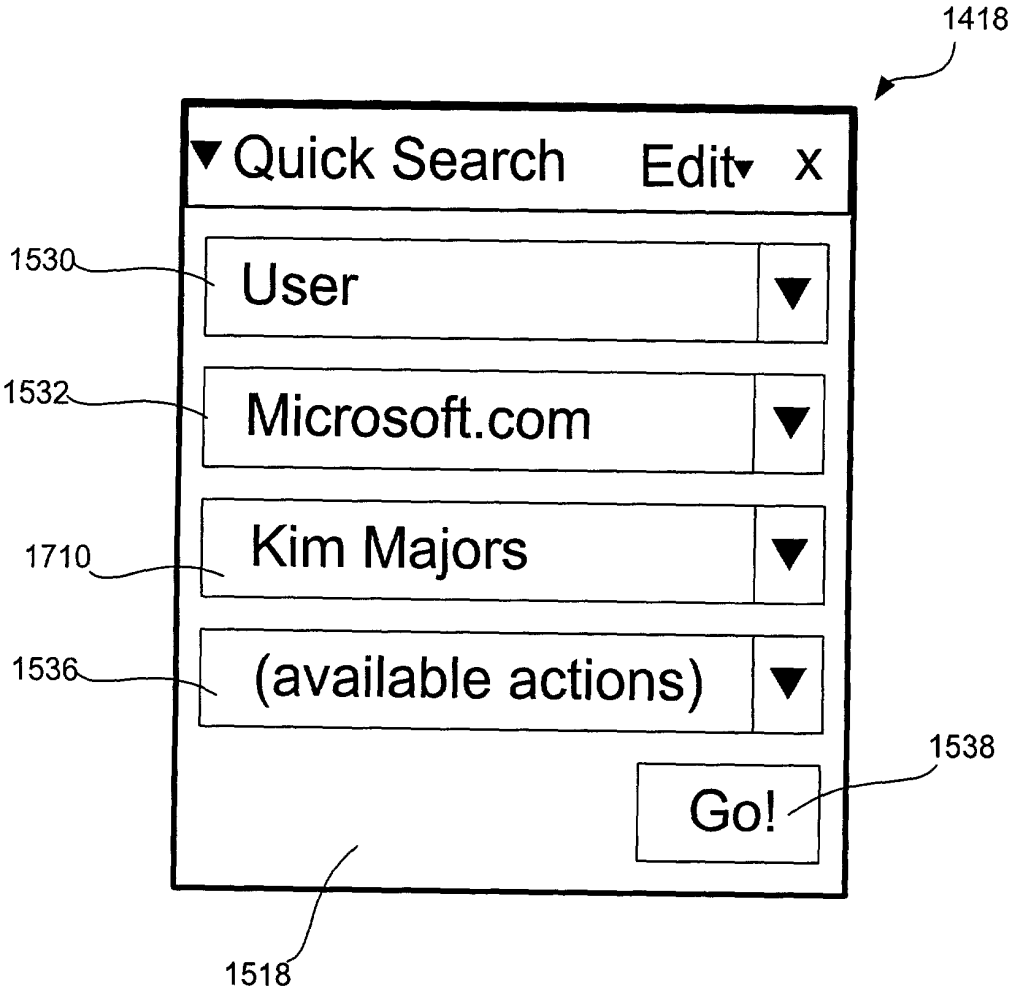
1418
Quick Search
Edit
x
1530
User
1532
Microsoft.com
1710
Kim Majors
1536
(available actions)
1538
Go!
1518

Fig. 17

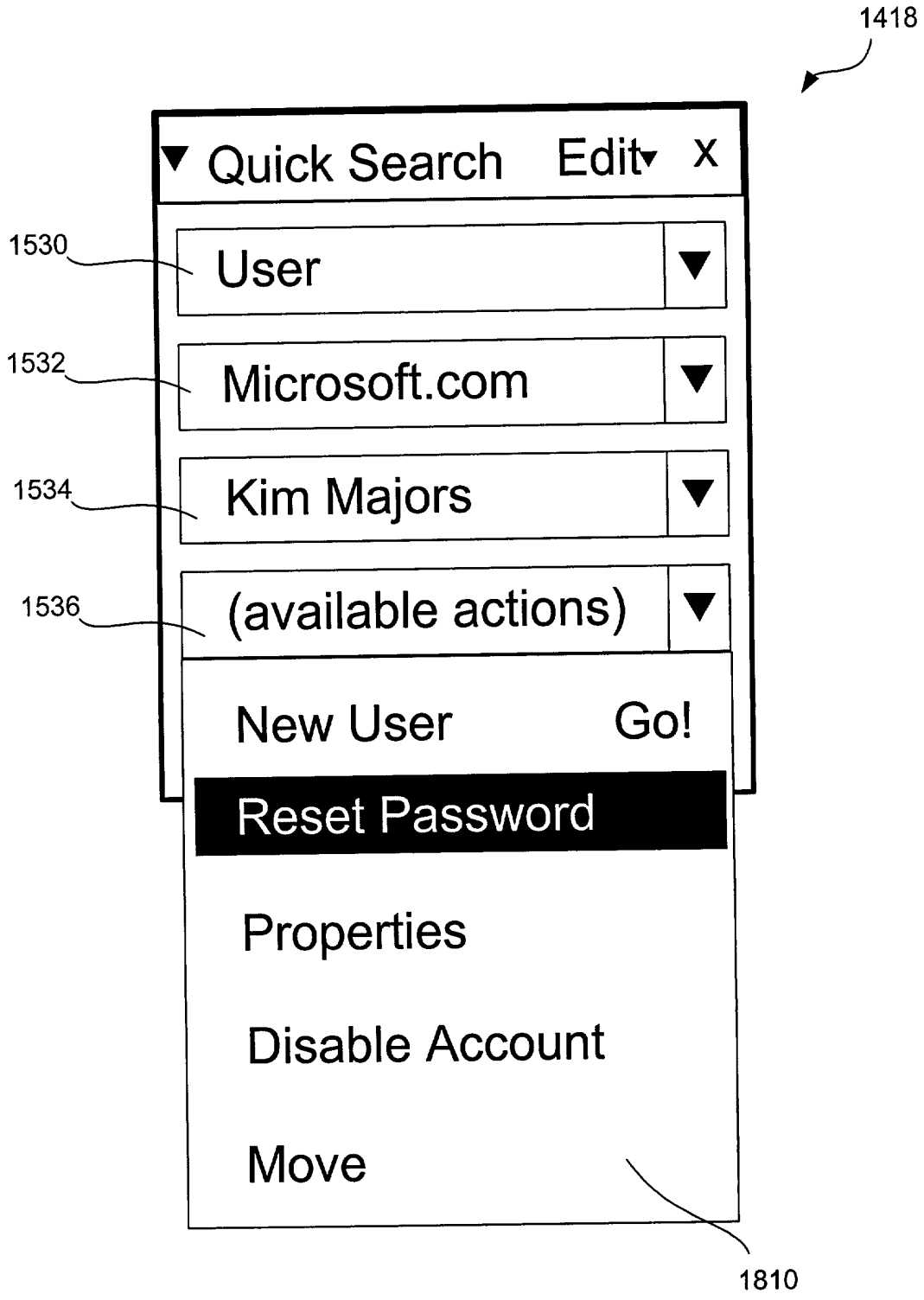
1418
Quick Search
Edit
X
1530
User
1532
Microsoft.com
1534
Kim Majors
1536
(available actions)
New User
Go!
Reset Password
Properties
Disable Account
Move
1810

Fig. 18

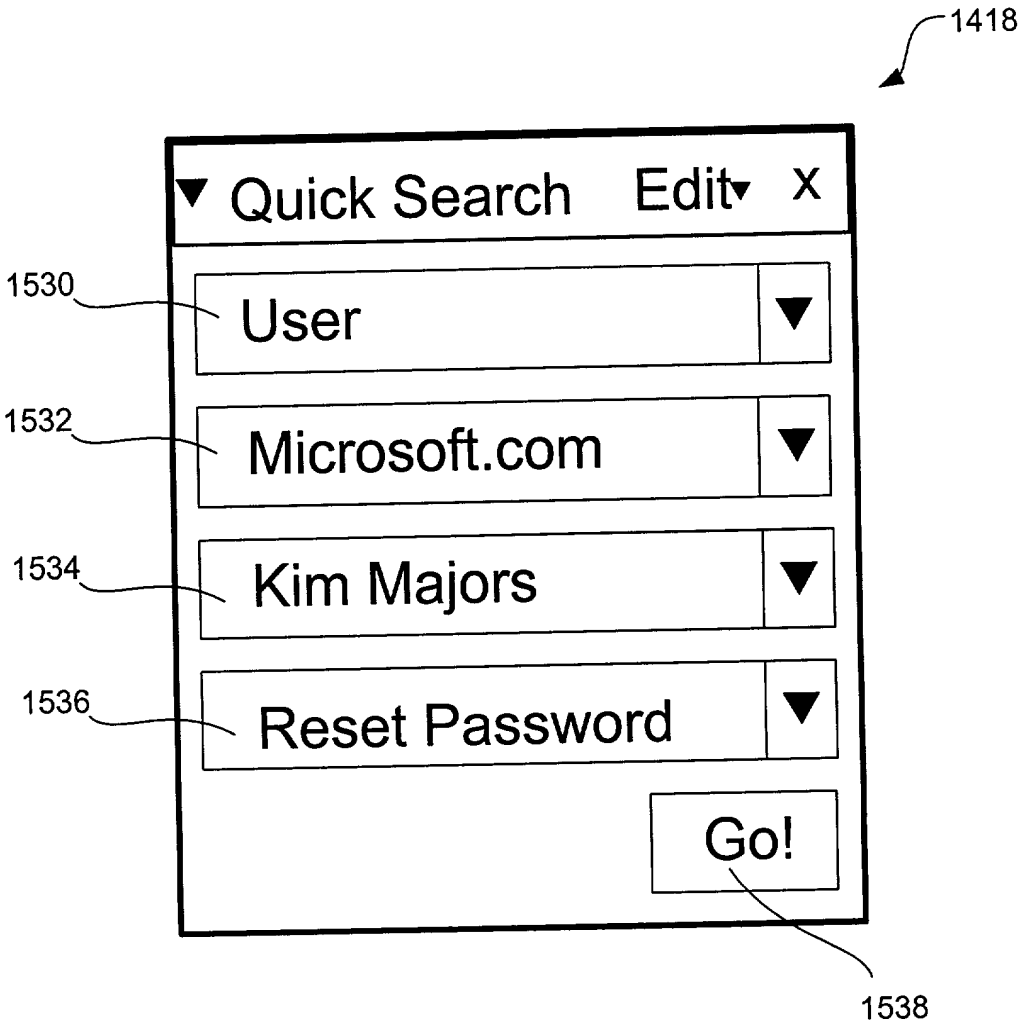
1418
Quick Search
Edit
X
1530
User
1532
Microsoft.com
1534
Kim Majors
1536
Reset Password
Go!
1538

Fig. 19

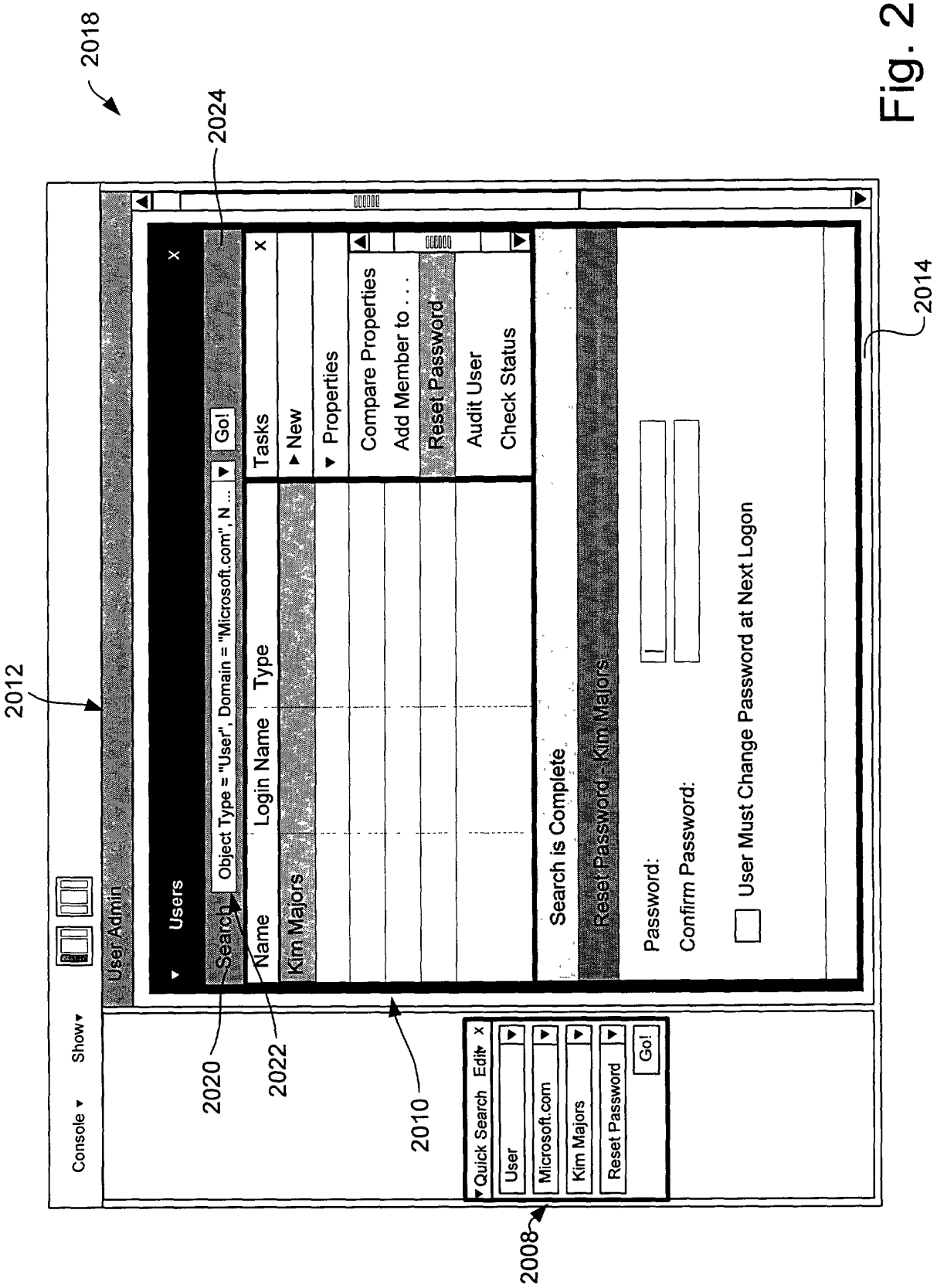
2018
2024
2012
2014
2020
2022
2010
2008
Console
Show
User Admin
Users
Search
Object Type = "User", Domain = "Microsoft.com", N ...
Go!
Name
Login Name
Type
Kim Majors
Tasks
New
Properties
Compare Properties
Add Member to . . .
Reset Password
Audit User
Check Status
Search is Complete
Reset Password - Kim Majors
Password:
Confirm Password:
User Must Change Password at Next Logon
Quick Search
Edit
User
Microsoft.com
Kim Majors
Reset Password
Go!

Fig. 20

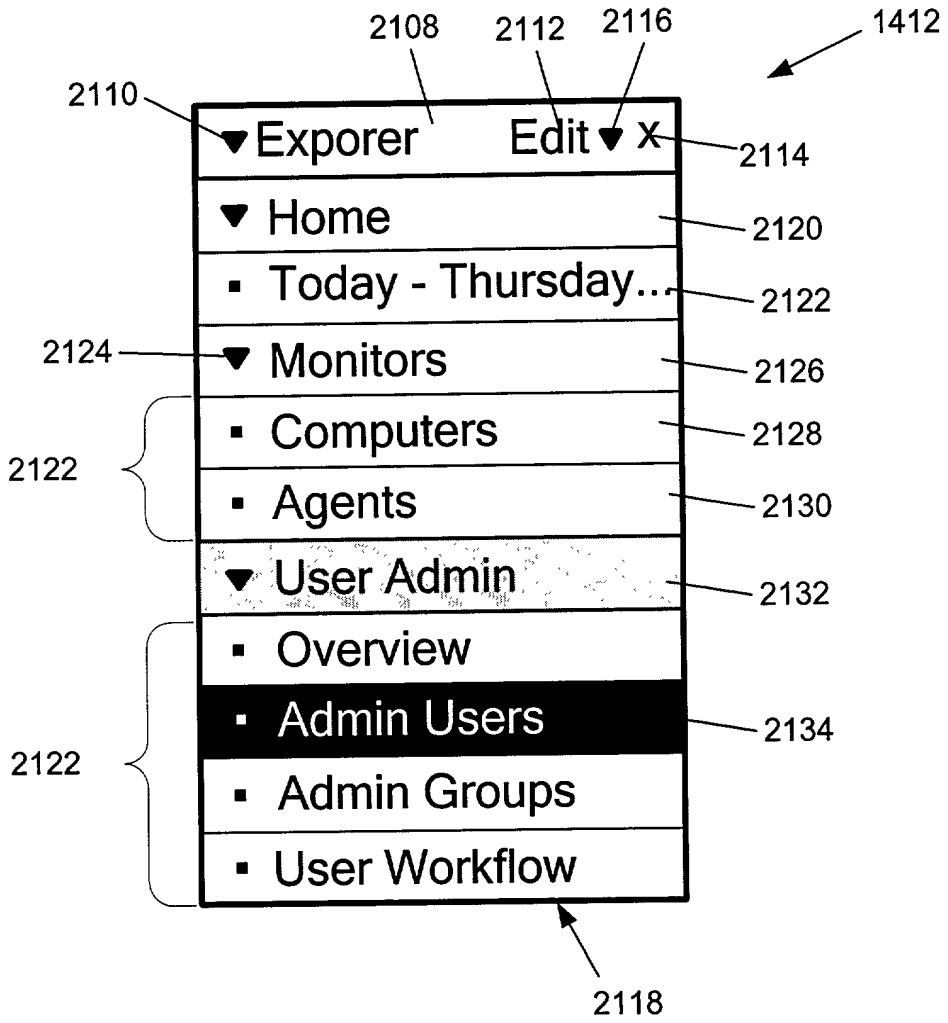
2108
2112
2116
1412
2110
Exporer
Edit
X
2114
Home
2120
Today - Thursday...
2122
2124
Monitors
2126
Computers
2128
2122
Agents
2130
User Admin
2132
Overview
Admin Users
2134
2122
Admin Groups
User Workflow
2118

Fig. 21

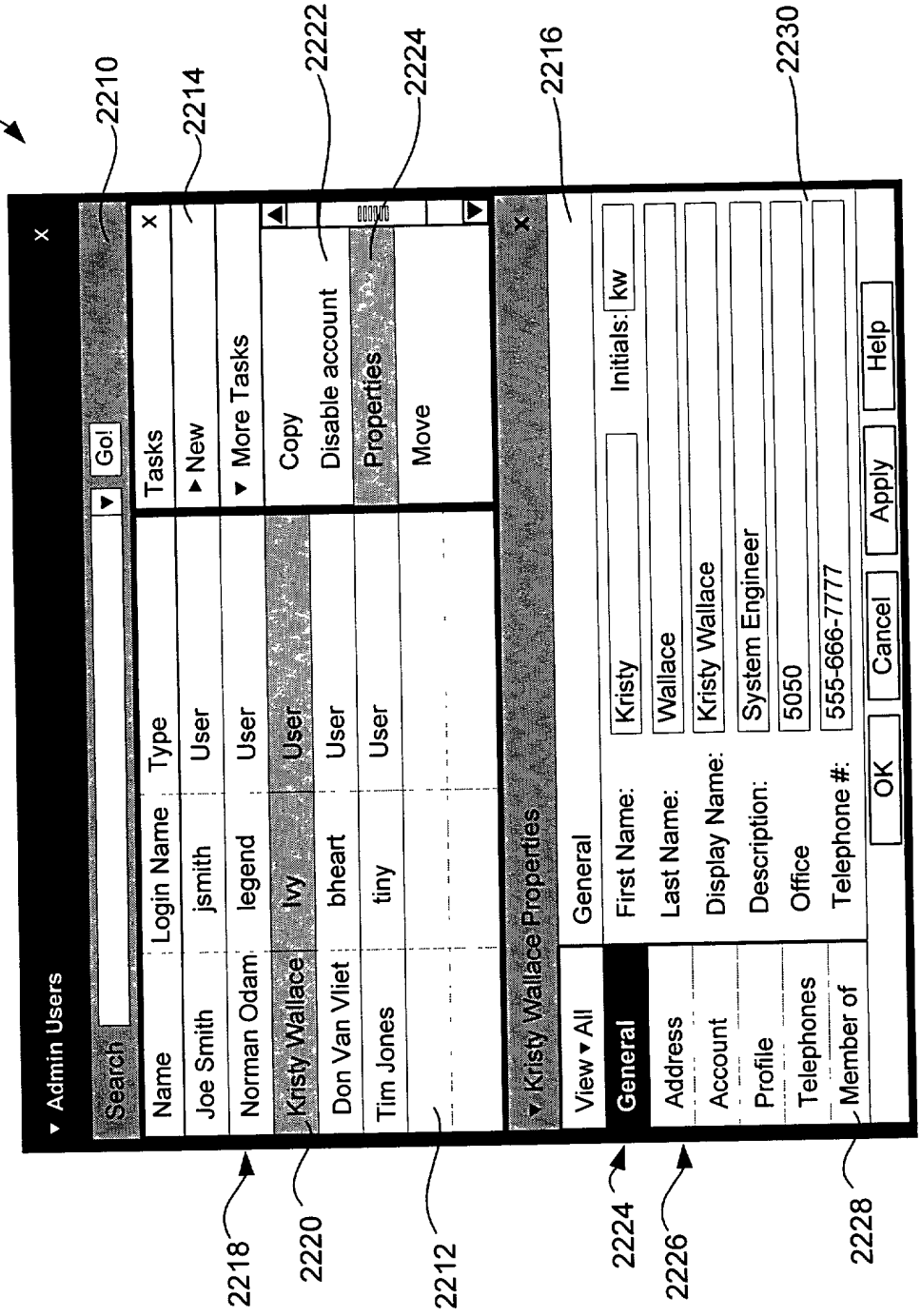
2200
2210
2214
2222
2224
2216
2230
2218
2220
2212
2224
2226
2228
Admin Users
Search
Go!
Name
Login Name
Type
Joe Smith
jsmith
User
Norman Odam
legend
User
Kristy Wallace
ivy
User
Don Van Vliet
bheart
User
Tim Jones
tiny
User
Tasks
New
More Tasks
Copy
Disable account
Properties
Move
Kristy Wallace Properties
View All
General
Address
Account
Profile
Telephones
Member of
First Name:
Kristy
Initials:
kw
Last Name:
Wallace
Display Name:
Kristy Wallace
Description:
System Engineer
Office
5050
Telephone #:
555-666-7777
OK
Cancel
Apply
Help

Fig. 22

Inventor: Vij Rajarajan et al.
Docket No.: MS167419.2/40062.151USU1
Title: METHOD AND SYSTEM FOR QUERY-BASED MANAGEMENT OF MULTIPLE NETWORK RESOURCES
Attorney Name: Timothy B. Scull
Phone No.: 303.357.1648
Sheet 23 of 23

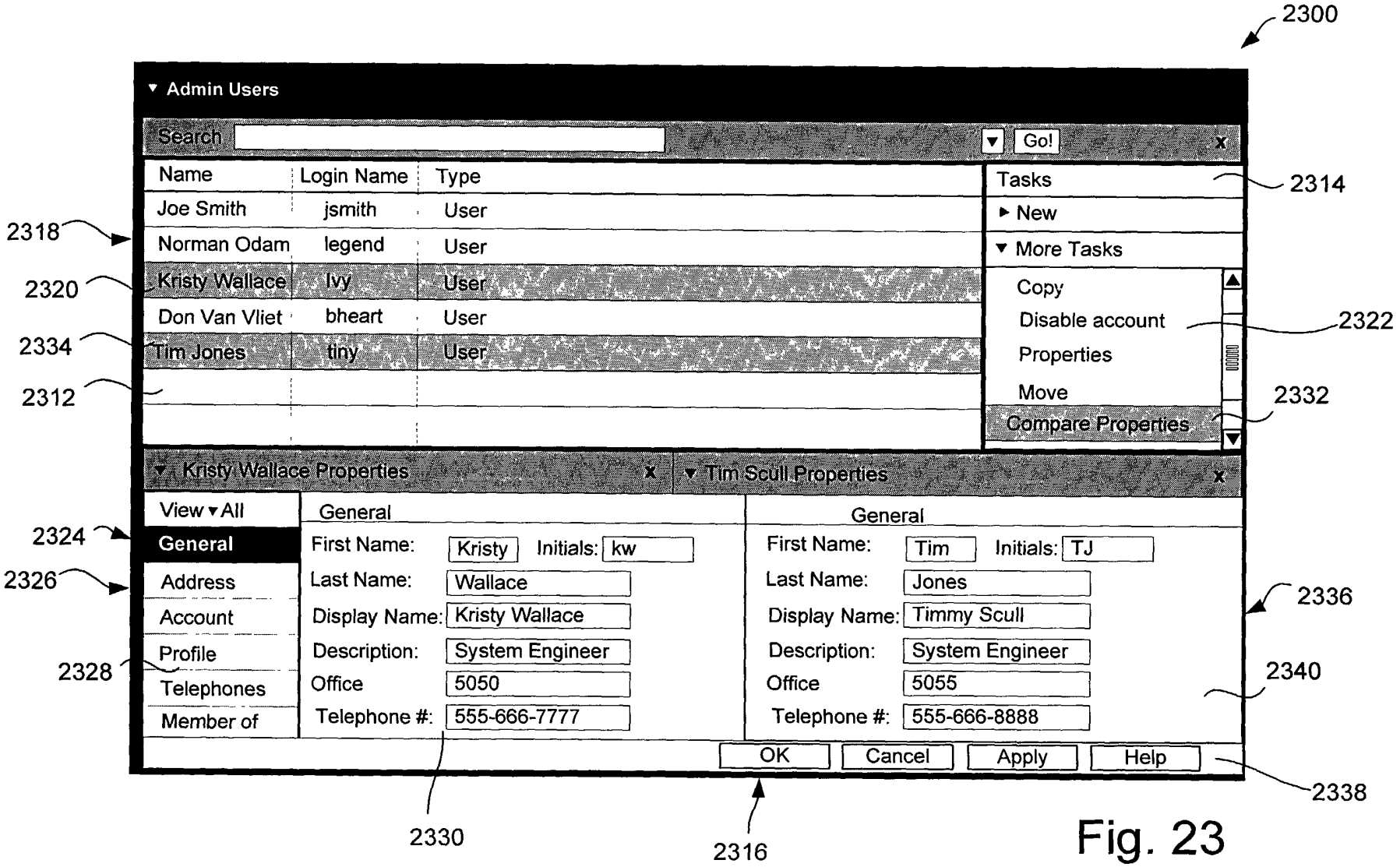

Fig. 23